

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2017 TO 2022**

<b>PROJECT #</b>	<b>SD 0102 000</b>
<b>DEPARTMENT</b>	Public Works
<b>DEPARTMENT CONTACT</b>	Dave Snider

<b>PROJECT TITLE</b>	JUANITA DRIVE CULVERT REPLACEMENT		
<b>PROJECT LOCATION</b>	Juanita Drive near NE 133rd Place	<b>PROJECT START</b>	<b>PROJECT STATUS</b>
		Undetermined	New Project

**DESCRIPTION/JUSTIFICATION**

The existing 24-inch 138-foot concrete culvert crossing at Juanita Dr. NE, near NE 133rd Pl., is a fish passage barrier. The culvert's steep slope (3-4%) and long length create high velocities which make it hard for fish to navigate. The proposed project includes the installation of a 13' x 4'-1" arch fish passable culvert with open bottom, footings, stream gravel and habitat features. The addition of headwalls may help to reduce the new culvert length from 138 LF to 70LF.

**REASON FOR MODIFICATION (WHERE APPLICABLE)**

<b>POLICY BASIS</b>	<b>METHOD OF FINANCING (%)</b>
Surface Water Master Plan	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %
<b>COUNCIL GOALS</b>	
Environment	
Dependable Infrastructure	

<b>CAPITAL COSTS</b>	<b>COSTS TO BE FUNDED</b>
Planning/Design/Engineering	120,000
In-House Professional Svcs.	60,000
Land Acquisition	0
Construction	485,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
<b>Total</b>	665,000
<b>NEW MAINT. AND OPER.</b>	0
<b>NEW FTE</b>	0.00

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<b>CRITERIA</b>	<b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>
Amount of public disruption and inconvenience caused	<i>During construction of this project, adjacent property owners and motorists will be impacted by construction equipment and possible traffic detours.</i>
Community economic impacts	<i>None anticipated.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Improvements to surface water quality will have a significantly positive environmental effect.</i>
Responds to an urgent need or opportunity	<i>This project is identified as a priority in the Surface Water Master Plan.</i>
Feasibility, including public support and project readiness	<i>During the design development, community involvement will be addressed. Permitting and environmental issues will be addressed during design.</i>
Conforms to legal or contractual obligations	<i>Projects will be designed and constructed per professional and legal guidelines.</i>
Responds to state and/or federal mandate	<i>Supports City National Pollutant Discharge Elimination System (NPDES) Phase II permit compliance.</i>
Benefits to other capital projects	<i>To be determined.</i>
Implications of deferring the project	<i>Continued degradation of surface water.</i>
<b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>	<p>Name of Neighborhood(s) in which located: <i>Finn Hill, North Juanita</i></p> <p>Is there a specific reference to this project or land use in the immediate</p> <p>How does the project conform to such references?</p> <p>Attachments <input type="checkbox"/> (Specify)</p>
<b>LEVEL OF SERVICE IMPACT</b>	<p><input checked="" type="checkbox"/> Project provides no new capacity (repair, replacement or renovation).</p> <p><input type="checkbox"/> Project provides new capacity. Amount of new capacity provided:</p> <p><input checked="" type="checkbox"/> Project assists in meeting/maintaining adopted level of service.</p> <p><input type="checkbox"/> Project required to meet concurrency standards.</p>